

Docket Number: 067074-0310832

PATENT APPLICATION

Client Reference: PCB/PN/P89103PUS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

BERNARD CONNOLLY, et al.

Group Art Unit:

Examiner:

Confirmation No.:

Application No.: 10/511,130

Filed: October 13, 2004

For: DNA POLYMERASES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

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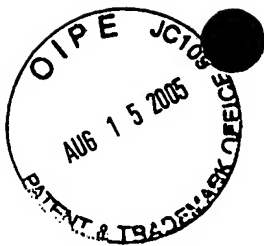
Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the reference(s) has been considered, per MPEP § 609.

This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

The reference(s) was/were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

The reference(s) was/were cited by or submitted to the Office in parent application no. PCT/GB03/001623, filed April 17, 2002, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 C.F.R. §1.98(d).

The references cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information. According to the Notification of Acceptance in this file, copies of the references are already in the U.S. Patent Office file. Thus additional copies of the references are not attached.



Respectfully Submitted,

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Date: August 12, 2005
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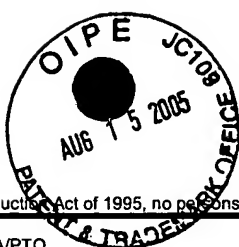
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LINDA BAKKE

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* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.



PTO/SB/08a (08-03)

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STATEMENT BY APPLICANT**

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Sheet 1 of 1

Complete if Known

Application Number	10/511,130
Filing Date	10/13/2004
First Named Inventor	BERNARD CONNOLLY
Art Unit	
Examiner Name	
Attorney Docket Number	067074-0310832

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS

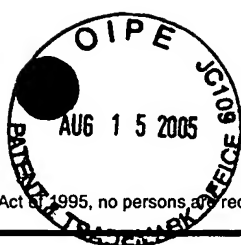
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B1	EP 1 088 891 A1	04.04/2001	Ankenbauer et al.		
	B2	WO 01/38546 A1	31 May 2001	Evans et al.		

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First Named Inventor	BERNARD CONNOLLY
Art Unit	
Examiner Name	
Attorney Docket Number	067074-0310832

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C1	FOGG ET AL., Structural basis for uracil recognition by archaeal family B DNA polymerases, Nature Structural Biology (UK), Vol. 9 (No. 12), pp. 922-927, (December 2002).	
	C2	GREAGG ET AL., A read-ahead function in archaeal DNA polymerases detects promutagenic template-strand uracil, Proc. Natl. Acad. Sci. USA, pp. 9045-9050, (August 1999).	
	C3	EVANS ET AL., Improving dideoxynucleotide-triphosphate utilisation by the hyper-thermophilic DNA polymerase from the archaeon Pyrococcus furiosus, Nucleic Acids Research, Oxford University Press, Vol. 28 (No. 5), pp. 1059-1066, (2000).	
	C4	CONNOLLY ET AL., Uracil recognition by archaeal family B DNA polymerases, Biochemical Society, Vol. 31 (No. 3), pp. 699-702, (2003).	
	C5	PATEL ET AL., Multiple Amino Acid Substitutions Allow DNA Polymerases to Synthesize RNA, The Journal of Biological Chemistry, The American Society for Biochemistry and Molecular Biology, Inc., Vol. 275 (No. 51), pp. 40266-40272, (2000).	
	C6	LASKEN ET AL., Archaeobacterial DNA Polymerases Tightly Bind Uracil-containing DNA, The Journal of Biological Chemistry, The American Society for Biochemistry and Molecular Biology, Inc., Vol. 271 (No. 30), pp. 17692-17696, (1996).	

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